


MULTICOLOR RECORDING MEDIUM**Publication number:** JP59089192**Publication date:** 1984-05-23**Inventor:** ISHIDA KATSUHIKO; OKIMOTO SATOYUKI;
OKAMOTO TOUSAKU**Applicant:** KANZAKI PAPER MFG CO LTD**Classification:****- international:** **B41M5/34; B41M5/34;** (IPC1-7): B41M5/18**- european:** B41M5/34**Application number:** JP19820199424 19821113**Priority number(s):** JP19820199424 19821113**Also published as:** US4529992 (A1)
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PURPOSE:To provide a multicolor recording medium free from unrequired coloring of a recording layer and free from mixing of different color tones with each other, wherein a multicolor image is formed by intermediately providing substances which respectively absorb a plurality of infrared lights having different wavelengths. **CONSTITUTION:**A plurality of color forming systems capable of forming different colors are constituted by a method wherein a substance exhibiting absorbency to recording infrared laser beam wavelengths in a range of 0.8-20μm but not exhibiting absorbency to other wavelengths (e.g., lead silicate) is incorporated into a recording layer consisting of, for example, a combination of a basic dye [for example, 3,3-bis(p-dimethylaminophenyl)-6-dimethylaminophthalide] and an acidic substance (for example, 4,4'-isopropylidenediphenol). By laminating the resultant material as a recording layer, the objective multicolor recording medium is obtained.

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